

PRACTICAL 2

AIM : Create application which add 10 items in list using listview.

CODE:

XML FILE:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical">
    <!-- ListView-->
    <ListView
        android:id="@+id/listView"
        android:layout_width="match_parent"
        android:layout_height="wrap_content" />
</LinearLayout>
```

MainActivity file:

```
package com.example.p2_listview // Ensure this matches your package
name
import android.os.Bundle
import android.widget.ArrayAdapter
import android.widget.ListView
import androidx.appcompat.app.AppCompatActivity
class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main) // This references the XML
layout
        // Find the ListView by its ID
        val listView: ListView = findViewById(R.id.listView)
        // Create a list of
        val df = listOf("Item1", "Item2", "Item3", "Item4", "Item5",
"Item6")
        // Bind the list of to the ListView using ArrayAdapter
        val adapter = ArrayAdapter(this,
android.R.layout.simple_list_item_1, df)
        listView.adapter = adapter
    }
}
```

OUTPUT:

